

**Amended - Proposed  
Environmental Cooperative Agreement  
between  
Wisconsin Electric Power Company  
and  
Wisconsin Department of Natural Resources**

This agreement is being entered into pursuant to s. 299.80 Wis. Stats. by the Wisconsin Department of Natural Resources ("WDNR") and Wisconsin Electric Power Company ("Wisconsin Electric" or the "Company") for the purpose of providing an integrated, multi-emission air quality strategy for the Company's coal burning power plants in Wisconsin.

**I. FACILITY INFORMATION.**

Wisconsin Electric, a subsidiary of Wisconsin Energy Corporation, produces, delivers, and sells electric energy in southeastern, east central, and northern portions of Wisconsin and the Upper Peninsula of Michigan. As of May 2002, Wisconsin Electric owns and operates five coal burning power plants and three natural gas-fired power plants in Wisconsin. The facilities included in this agreement are as follows:

<b>Coal burning Power Plants</b>	<b>Address</b>
Milwaukee County Power Plant	9250 Watertown Plank Road Wauwatosa, WI 53226
Oak Creek Power Plant	4801 East Elm Road Oak Creek, WI 53154
Pleasant Prairie Power Plant	8000 95 <sup>th</sup> Street Pleasant Prairie, WI 53158
Port Washington Power Plant	146 South Wisconsin Street Port Washington, WI 53074
Valley Power Plant	1035 West Canal Street Milwaukee, WI 53233

<b>Natural Gas-Fired Power Plants</b>	<b>Address</b>
Concord Generating Station	N8914 County Highway E Watertown, WI 53094
Germantown Power Plant	N96 W19298 County Line Road Germantown, WI 53022
Paris Generating Station	335 North 172 <sup>nd</sup> Avenue Union Grove, WI 53182

Wisconsin Electric also operates a nuclear power plant, several hydroelectric power plants, and a wind turbine that are not included in this agreement.

**Project Summary**

This Environmental Cooperative Agreement will allow Wisconsin Electric to implement an integrated air quality approach at its coal burning power plants in Wisconsin. Wisconsin Electric will implement enforceable limitations and requirements on emissions of sulfur dioxide ("SO<sub>2</sub>") and nitrogen oxides ("NO<sub>x</sub>"). The emission limits will be phased in over a ten-year period. The Company will meet certain interim limits for SO<sub>2</sub> and NO<sub>x</sub> five years following approval of this agreement. These limits are more stringent than the current limitations for these coal burning power plants.

In exchange for agreeing to comply with more stringent limitations than currently required, Wisconsin Electric will receive flexibility with regard to permit streamlining, reduced reporting and decreased administrative expense, alternative monitoring and enhanced corrective action, and a mercury rule multi-emission compliance alternative at its fossil-fuel burning power plants.

**II. DEFINITIONS.**

The following definitions are applicable to this agreement:

"Approval" means a permit, license or other approval issued by the department under chapters 280 to 295 Wis. Stats.

"Cooperative agreement" means an agreement entered into under s. 299.80(6), Wis. Stats.

"Environmental management system" means an organized set of procedures implemented by the owner or operator of a facility to evaluate the environmental performance of the facility and to achieve measurable or noticeable improvements in that environmental performance through planning and changes in the facility's operations.

"Environmental performance" means the effects whether regulated under chapters 280 to 295 Wis. Stats. or unregulated, of a facility on air, water, land, natural resources and human health.

"Facility" means all buildings, equipment and structures located on a single parcel or on adjacent parcels that are owned or operated by the same person.

"Interested person" means a person who is or may be affected by the activities at a facility that is covered or proposed to be covered by a cooperative agreement or a representative of such a person.

"Performance evaluation" means a systematic, documented and objective review conducted by or on behalf of the owner or operator of the facility including an evaluation of compliance with the cooperative agreement covering the facility, approvals that are not replaced by the cooperative agreement and the provision of chapters 280 to 295 Wis. Stats. and rules promulgated under those chapters for which a variance is not granted.

"Pollutant" means any of the following: any dredged spoil, solid waste, incinerator residue, sewage, garbage, refuse, oil, sewage sludge, munitions, chemical wastes, biological materials, radioactive substance, heat, wrecked or discarded equipment, rock, sand, cellar dirt, or industrial,

municipal, or agricultural waste discharged into water or onto land, any dust, fumes, mist, liquid, smoke, other particulate matter, vapor, gas, odorous substance or any combination of those things emitted into the air but not uncombined water vapor.

"Violation" means a violation of a cooperative agreement, of an approval that is not replaced by the cooperative agreement or of a provision of chapters 280 to 295 Wis. Stats. and rules promulgated under those chapters for which a participant has not received a variance.

### **III. PERIOD OF AGREEMENT.**

This agreement shall commence following its signing by both parties and continue for five years, during which period Wisconsin Electric and WDNR shall abide by all terms and conditions contained herein. At least fifteen (15) working days prior to the expiration of this agreement, WDNR shall notify the Joint Committee on Finance of the Wisconsin State Legislature that WDNR proposes to renew this agreement, unless WDNR determines that the agreement is no longer consistent with s. 299.80(2), Wis. Stats. or Wisconsin Electric objects to renewal. This agreement may then be renewed up to five years, pursuant to s. 299.80(6e), Wis. Stats.

The performance commitments contained herein shall continue to apply to Wisconsin Electric following the expiration of this agreement. Performance commitments that take effect ten years from the original date of this agreement are only applicable if the agreement is renewed for an additional five years after its original five year term.

### **IV. AMENDMENT/REVOCATION.**

Pursuant to s. 299.80(7), Wis. Stats., WDNR may amend this agreement with the consent of the Company or for cause. WDNR shall revoke the agreement at the request of the Company or may revoke the agreement if the Company: 1) is in substantial noncompliance, 2) refuses to amend this agreement, 3) is unable or unwilling to meet commitments to environmental performance, or 4) has not addressed a substantive issue raised by a majority of the interested persons (s. 299.80(7), Wis. Stats). Furthermore, at any time during the period of the agreement the Company may request to reopen the agreement for potential modifications to reflect changing business conditions, environmental performance goals, modification or inclusions of other provisions, or for other valid reasons as mutually agreed with WDNR. WDNR shall provide at least 30 days for public comment on the proposed amendment or revocation of a cooperative agreement and an opportunity for a hearing if comments demonstrate considerable public interest in the proposed action.

### **V. ENTIRE AGREEMENT.**

This agreement, together with any specifications, referenced parts, attachments and effective amendments, shall constitute the entire agreement. Communications or understandings made prior to the signing of this agreement and pertaining to its subject matter are hereby superseded. All revisions to this agreement must be made by a written amendment to this agreement, signed by both parties and issued under the same procedures as this agreement.

### **VI. PROJECT MANAGEMENT.**

WDNR and Wisconsin Electric shall each assign a Project Manager for the duration of this agreement. The Project Managers shall be familiar with the history and contents of the

agreement, and it shall be their responsibility to oversee and coordinate the necessary actions as contained in the agreement. The Project Managers shall facilitate communications between the parties to this agreement and serve as the primary contacts for all related inquiries.

## **VII. APPROVALS COVERED.**

The following air pollution control permits previously granted by WDNR to Wisconsin Electric are covered under this agreement:

<b>Power Plant</b>	<b>WDNR Air Pollution Control Permit Number</b>
Concord	128065080-P01 and 97JCH154OP
Germantown	00RV027
Milwaukee County	241027050-J01
Oak Creek	241007690-P01 and 01RV103
Paris	230094810-P01
Pleasant Prairie	230006260-P02, 01AJH005
Port Washington	246004000-P01
Valley	241007800-P01

All of the conditions and requirements embodied in these permits remain in effect without modification unless specifically superseded by Section XII (Operational Flexibility and Variances) of this agreement.

In addition to the permits listed above, two other WDNR approvals shall also remain in effect. The first is the Environmental Cooperative Agreement for Pleasant Prairie Power Plant, signed by WDNR and Wisconsin Electric on February 5, 2001. Concurrent with the signing of this system-wide agreement, Section XII.C. (Permit Streamlining) of the Pleasant Prairie agreement will be reviewed as to any revisions necessary to ensure consistency between the two agreements. The second approval that remains in effect is Consent Order #AM-96-202, also pertaining to Pleasant Prairie Power Plant. That consent order is not affected or modified by this agreement.

Wisconsin Electric requests that WDNR grant approval for certain types of construction projects if and only if the project meets all of the conditions specified in Section XII of this agreement. Projects not eligible for approval under Section XII may be eligible for approval under normal WDNR procedures.

## **VIII. INTERESTED PERSONS GROUP.**

Wisconsin Electric and WDNR are committed to working with stakeholders to make this agreement a success. The core stakeholders represent a mix of local, state and national interest groups and have included the following organizations: Environmental Defense, the Delta Institute, and Wisconsin Environmental Decade.

Prior to the development of this agreement, Wisconsin Electric met individually with each core stakeholder organization to discuss the proposed project. Wisconsin Electric and WDNR initially

met with these organizations as a group on August 17, 2000 to discuss the overall concepts contained in this agreement. The core stakeholders provided Wisconsin Electric with comments on the initial concept proposal. These comments were addressed, and several of the comments have been integrated into this agreement.

In addition to the meetings with the core stakeholders, Wisconsin Electric has communicated with members of the public in the areas near its coal burning power plants regarding the benefits of a multi-emission approach. This outreach has occurred through different mechanisms, including written communication and open houses. Interested members of the public will have the opportunity to participate in the project on an ongoing basis.

Wisconsin Electric will continue to involve interested persons throughout the implementation of this agreement and will seek consensus regarding performance issues. The Company shall meet with members of the interested persons group at least once every six months to discuss implementation of the Company's environmental management systems (EMS) and to receive comments from the group regarding progress.

Assistance available from Wisconsin Electric to core stakeholders and other interested persons shall include but not be limited to the following:

Informational Meetings and Forums	<ul style="list-style-type: none"> <li>• Informational meetings for external members of the public and other interested persons not otherwise part of the core stakeholders group</li> </ul>
Tours and Open Houses	<ul style="list-style-type: none"> <li>• Targeted tours for external members of the interested persons group</li> </ul>
Mailings	<ul style="list-style-type: none"> <li>• Summary information sheets outlining key information about the plants' operations, environmental performance, and key components of the Cooperative Agreement, including progress on specific commitments and activities within the agreement</li> </ul>
Wisconsin Electric Internet Site	<ul style="list-style-type: none"> <li>• Development of a specific page on Wisconsin Electric's internet site dedicated to this agreement</li> <li>• Linkage of the Wisconsin Electric internet site with the WDNR Cooperative Agreement Internet site</li> </ul>
Presentations and Visits	<ul style="list-style-type: none"> <li>• Responding to invitations from external groups for presentations by Wisconsin Electric and plant staff on plant operations, environmental performance, and progress on the agreement</li> </ul>

## **IX. COMMITMENT TO ENVIRONMENTAL MANAGEMENT SYSTEM.**

Wisconsin Electric commits to develop and document an EMS meeting the requirements of ISO 14001 at each facility covered by this agreement that does not already have an EMS (except Port Washington Power Plant) according to the following schedule: 1) within one year following the signing of this agreement for Valley and Milwaukee County Power Plants, 2) within 18 months following the signing of this agreement for Oak Creek Power Plant, and 3) within two years

following the signing of this agreement for Germantown Power Plant and Concord and Paris Generating Stations. An EMS will be implemented at Wisconsin Electric's proposed repowered Port Washington Power Plant under the Company's Power The Future program within one year of commencing commercial operation.

## **X. COMMITMENT TO ENVIRONMENTAL PERFORMANCE.**

### **Summary**

Wisconsin Electric's proposed project will result in emission reductions in SO<sub>2</sub>, NO<sub>x</sub>, and mercury from its coal burning power plants in Wisconsin. The emission reductions proposed as part of this agreement are more stringent than requirements currently in place for Wisconsin Electric and will require the Company to reduce its emissions over the next ten years.

Wisconsin Electric proposes to achieve a system-wide rate based SO<sub>2</sub> limit of 0.45 lbs/mmBTU within ten years of the date of this agreement, with an interim limit of 0.70 lbs/mmBTU of SO<sub>2</sub> to be achieved within five years of the date of this agreement. Wisconsin Electric's 2000 Wisconsin system weighted average rate for SO<sub>2</sub> was approximately 0.87 lbs/mmBTU.

Under this agreement, Wisconsin Electric also proposes to meet a system-wide rate based NO<sub>x</sub> limit of 0.15 lbs/mmBTU within ten years of the date of this agreement. An interim NO<sub>x</sub> limitation of 0.25 lbs/mmBTU will be achieved within five years. Wisconsin Electric's 2000 Wisconsin system weighted average NO<sub>x</sub> rate was approximately 0.38 lbs/mmBTU.

In addition to the proposed limitations on SO<sub>2</sub> and NO<sub>x</sub>, Wisconsin Electric proposes performance goals with regard to mercury reductions at its coal burning power plants in Wisconsin. Wisconsin Electric proposes mercury reductions from its coal burning facilities in Wisconsin by 10% from 1997-1999 levels within five years of this agreement. The Company further proposes to reduce its Wisconsin mercury emissions from a mix of coal burning sources, other compliance options, and other mercury emitting sources by 50% from 1997-1999 levels within ten years of this agreement.

Wisconsin Electric and WDNR will also work together to implement an early reduction registry system for greenhouse gases. Wisconsin Electric intends to take action to reduce emissions of greenhouse gases and will register any reductions that occur. Wisconsin Electric and WDNR believe that the goals on greenhouse gases and the environmental commitments on SO<sub>2</sub>, NO<sub>x</sub>, and mercury represent environmental performance that is beyond current regulatory requirements

### **Innovation**

This proposal represents an innovation from the current regulatory framework because it includes an integrated air quality approach over a ten year period. Unlike the current regulatory framework, this proposed project includes emission limitations and emission reduction requirements across Wisconsin Electric's coal burning power plants in Wisconsin for SO<sub>2</sub>, NO<sub>x</sub>, and mercury which will be phased in over a 10 year period. The proposal also contains a corporate goal related to greenhouse gases during the ten year period.

By setting forth interim and final limitations to be achieved by the Company in five and ten years, this proposal encourages technological innovation because it provides Wisconsin Electric with the time to investigate the best methods to achieve these proposed limitations within the time period required, as opposed to the current regulatory environment under which companies often have as little as three years from promulgation of a final rule to implement the emission control requirements of that rule. The current rules also typically address the emission of one substance at one time. This structure favors the installation of equipment to control emissions of one regulated substance without encouraging consideration of whether a different control strategy would have collateral benefits for the reduction of other emissions.

This proposal will encourage Wisconsin Electric to determine how best to comply with emission reduction requirements so that the greatest environmental benefit can be achieved considering the cost of control and the reduction achieved. Wisconsin Electric will be able to consider its emission reduction requirements for SO<sub>2</sub>, NO<sub>x</sub>, and mercury, and its emission reduction goal for greenhouse gases, and select the most appropriate emission control options to address all those emissions. The Company will also be able to investigate new emission control strategies that it would not otherwise investigate under the current regulatory environment. Wisconsin Electric believes that this approach will result in greater environmental benefits at a lower cost than would be achieved under the current regulatory environment.

#### **Cost Saving and Paperwork Reduction**

In addition to the environmental benefits discussed above, this project will result in additional permitting flexibility as well as cost savings to both Wisconsin Electric and WDNR. Under this proposal, Wisconsin Electric will have additional flexibility to operate and maintain its generating units under the provisions defined by this agreement. This flexibility will enable Wisconsin Electric to more efficiently operate and maintain its generating units in a safe, reliable and cost effective manner.

The relief defined by this proposal is outlined in section XII. While the current regulations provide for some relief from permitting requirements for coal burning utilities, the amount of relief that is available is often only determined following the equivalent of a full permit review of alternatives, often times resulting in little or no environmental benefit. This proposal provides more expeditious determinations and no additional environmental impacts.

Wisconsin Electric believes that these cost savings may enable it to investigate methods of reducing emissions from its coal burning power plants. This agreement will also result in more predictable expenditures on environmental control equipment and correspondingly more predictable rates for Wisconsin Electric's customers.

Further, the reduction in the amount of time and paperwork associated with routine permit changes and the certainty that this agreement provides with regard to allowed permitting activities will also provide cost savings to WDNR. This project will reduce the time and paperwork costs associated with the review by WDNR of certain permit applications for the Wisconsin Electric power plants included in this agreement. The WDNR currently faces tight budget constraints in the Air Management Program. Reducing staff time and paperwork costs

associated with permitting activities for Wisconsin Electric while maintaining stringent emission limitations will allow WDNR to allocate its scarce resources to other sources that need permits.

**Transferability**

Wisconsin Electric believes that the approach embodied in this proposal is readily transferable to other utilities and independent power producers.

**XI. EMISSION LIMITS.**

This agreement will establish system-wide (i.e., corporate) average emission limits that apply to the aggregated emissions of Wisconsin Electric's coal burning power plants located in the State of Wisconsin (listed in Section I of this agreement). These new emission limits are supplementary and do not alter or replace any of the existing emission limits at individual power plants. Thus, this agreement will not affect the emission limits contained in any previous approvals granted by WDNR to Wisconsin Electric.

With the exception of those requirements identified in Section XII (Operational Flexibility and Variances), the Company commits to abide by all current and future applicable environmental requirements. Any provisions of permits or approvals covered by this agreement that are not specifically superseded in Section XII shall remain in effect.

As stated above, Wisconsin Electric proposes enforceable commitments that will be applicable to its Wisconsin coal burning units accordingly:

1. Nitrogen Oxides

Wisconsin Electric will meet the following NO<sub>x</sub> limitations across its Wisconsin coal burning units described above using averaging across the units:

- a. 0.25 lbs/mmBTU, based upon an annual average, within five years of the date of this agreement
- b. 0.15 lbs/mmBTU, based upon an annual average, within ten years of the date of this agreement

2. Sulfur Dioxide

Wisconsin Electric will meet the following SO<sub>2</sub> limitations across its Wisconsin coal burning units described above using averaging across the units:

- a. 0.70 lbs/mmBTU, based upon an annual average, within five years of the date of this agreement
- b. 0.45 lbs/mmBTU, based upon an annual average, within ten years of the date of this agreement

3. Mercury

Wisconsin Electric will reduce mercury emissions from its Wisconsin coal burning units from 1997-1999 levels by 10% within five years of the date of this agreement and by 50% within ten years of the date of this agreement.



NOTE: Limits that take effect ten years from the original date of this agreement are only enforceable if the agreement is renewed for an additional five years after its original five year term.

Wisconsin Electric proposes to demonstrate compliance with the NO<sub>x</sub> commitments discussed above on an annual average and a seasonal average basis. Compliance with the SO<sub>2</sub> requirements will be demonstrated on an annual average basis. The annual and seasonal average will be demonstrated using the methodology required under the Federal Acid Rain program.

Wisconsin Electric also proposes as part of this agreement to work with WDNR to implement its early reduction registry system for greenhouse gases, to take actions to reduce greenhouse gas emissions, and to register reductions in greenhouse gases. Activities related to greenhouse gases represent a non-binding corporate goal, not an enforceable commitment.

Wisconsin Electric shall maintain records to demonstrate compliance with the enforceable commitments made under this agreement and to provide WDNR with information on its emissions and efforts to achieve its corporate goals for greenhouse gases in an annual report.

## **XII. OPERATIONAL FLEXIBILITY AND VARIANCES.**

In exchange for the environmental commitments discussed above, Wisconsin Electric requests certain flexibility at its Wisconsin fossil-fuel burning power plants. The proposed approach will result in improvements at Wisconsin Electric's fossil-fuel burning power plants that would not otherwise occur absent this project. Under the agreement, however, Wisconsin Electric will be both able and encouraged to implement projects that will be both environmentally and commercially beneficial. The proposed flexibility is outlined and described in the remainder of the section.

### **1. Permit Streamlining**

#### **A. Construction Permit Exemption for Minor Physical or Operational Changes**

##### **1) General Construction Permit Exemption**

The Company may construct, reconstruct, replace, relocate, or modify a stationary source without obtaining a construction permit, if the Company determines that the individual project meets all of the following conditions:

- a) The change is not subject to the permitting requirements of chs. NR 405 or 408, Wis. Adm. Code;
- b) Maximum theoretical emissions from the project do not exceed any of the following thresholds:
  - i. 5.7 pounds per hour each for sulfur dioxide, carbon monoxide, nitrogen oxides, particulate matter, or volatile organic compounds;
  - ii. 3.4 pounds per hour for PM<sub>10</sub>;
  - iii. 0.13 pounds per hour for lead; or,
  - iv. The emission rates contained in any table in s. NR 445.04, Wis. Adm. Code, for any air contaminant and the respective stack height.
- c) The change will not cause or contribute to a violation of any standard, emission limit, or control requirements embodied in federal law, federal

regulations, chs. NR 400-499, Wis. Stats., or any permit issued to the Company;

2) Other Construction Permit Exemptions

In addition to any General Construction Permit Exemptions, the Company is not required to obtain a construction permit for changes already exempted or excluded under ch. NR 406, Wis. Adm. Code.

3) Documentation Requirements

For each change made under the General Construction Permit Exemption provisions, the Company shall maintain documentation of all appropriate technology reviews and analyses, and design information. This information shall be made available to WDNR on request. Also, the Company shall summarize all such changes in its annual report to interested persons.

**B. Requirements for Commencing Construction.**

The Company may commence construction or modification (but not operation) prior to obtaining a construction permit, provided the following conditions are met. The following conditions do not apply if a proposed project is exempt from the requirement to obtain a construction permit.

- 1) The Company shall submit the following information to the Department:
  - a) Two copies of a complete construction and operation permit application describing the proposed equipment;
  - b) Information describing how the interested persons group was notified of the proposed project.
- 2) Before the approval of a permit, the Company may request approval from the department to proceed with construction and, if desired, operation of process or process equipment at an existing stationary source.
- 3) The request shall be in writing, shall be accompanied by an administratively complete permit application and shall be signed by the owner or the owner's authorized agent.
- 4) The request shall be automatically approved 15 calendar days after receipt of the request and required information, unless, within the 15-calendar-day period, either the request is denied in writing for cause by the department or an extension of up to 15 additional calendar days is specified in writing by the department.
- 5) If the time period is extended, the request shall be automatically approved at the end of the extended time period, unless the request is denied by the department within the extended time period.

**C. Processing of Permit Applications.**

- 1) The Company may request that the department process an application for a permit in accordance with this section.
- 2) The Company shall include all of the following in the application:
  - a) The identification of all state rules and federal regulations applicable to the proposed process or process equipment.
  - b) An analysis that demonstrates that the process or process equipment covered by the application will comply with the applicable requirements.
  - c) An analysis of the applicable control technology requirements, such as best available control technology and maximum achievable control technology.

Process or control technologies that have been considered and rejected as part of the control technology assessment shall be identified.

- d) A draft permit.
  - e) A certification as to the completeness and adequacy of the control technology analysis.
  - f) Certification by a responsible official of the completeness and accuracy of the application.
  - g) For draft permits that are subject to public notification, a draft public notice.
- 3) Except as provided in (4) below, the department shall notify the Company, in writing, of approval or denial of an application for a permit within 30 days after receipt of the application, except that the 30-day period may be extended by the department with agreement by the Company in order to address issues with the Company that would otherwise make the permit unapprovable.
  - 4) If the application is subject to public notice requirements under state or federal law, then the department will publish the required notice within 30 days of receipt of the application. The department shall notify the Company, in writing, of approval or denial of an application for a permit within 10 calendar days after the conclusion of the public hearing or comment period, whichever is later, except that the 10-day period may be extended by the department if substantial new issues are raised during the comment period or hearing.

#### **D. Testing or Research of New Technologies**

The Company may conduct testing or research of new technologies without obtaining a minor source construction exemption under NR 406, Wis. Adm. Code, if all of the following conditions are met:

- 1) The Company (or its consultants) conducts a thorough engineering analysis and determines that the equipment to be used and the anticipated emissions from the testing or research will not present a significant hazard to public health, safety, or welfare or to the environment;
- 2) The Company provides written notification to WDNR at least 30 days prior to commencing research or testing that describes the proposed testing or research and includes an operating schedule and the types and quantities of emissions anticipated;
- 3) WDNR does not object in writing within 21 days of receiving notification;
- 4) Members of the interested persons group are informed and given at least seven days to comment; and,
- 5) The Company responds in writing to any significant comments received from a member of the interested persons group prior to commencing research or testing.

The Company shall remain responsible for the performance of any new technologies and for compliance with all applicable emission limits and control requirements, including those in the Title V permit. In addition, the Company shall maintain documentation of all appropriate technology reviews and analyses, design, construction, and operational information, making it available for examination by WDNR upon request. The Company shall describe the environmental and energy efficiency benefits of any technology tested or researched in its annual performance report to WDNR.

**2. Reduced Reporting and Decreased Administrative Expense****A. Quarterly Excess Emission Reporting**

The Company shall:

- 1) notify WDNR by telephone within one business day of excess emissions, as defined in s. NR 439.09(10)(b), Wis. Adm. Code, followed by an electronic mail notification within five business days; and,
- 2) submit to WDNR semi-annual excess emission reports for visible emissions, sulfur dioxide, and nitrogen oxides. These reports shall cover the time periods January 1 to June 30 and July 1 to December 31 of each year and shall be submitted within 45 days after the end of each reporting period. These reports may be submitted by electronic mail at the Company's discretion as soon as WDNR and EPA develop procedures for authenticating electronic signatures.

**B. Title V Semi-Annual and Annual Reports**

The Company shall submit to WDNR:

- 1) a written semi-annual monitoring report covering the time period January 1 to June 30 of each year within 45 days after the end of each reporting period. This report may be submitted by electronic mail at the Company's discretion as soon as WDNR and EPA develop procedures for authenticating electronic signatures. This report shall be certified by a responsible official of the Company and shall describe any deviations from or violations of applicable requirements, including the dates of each event; and,
- 2) a written annual monitoring report that meets the requirements specified in current Title V permits. This report shall include the results of all monitoring, or a summary of all monitoring results, required by Title V permits.

**3. Alternative Monitoring and Enhanced Corrective Action****A. Annual Instrument Calibration**

The Company shall calibrate all instruments used for measuring source or air pollution control equipment operational variables during major maintenance outages or following good engineering practices, but no less frequently than once every twenty-four (24) months. Water injection flow meters are included in this group. The Company shall keep records documenting any calibration activities. Requirements for calibrating continuous emission monitors and continuous opacity monitors are not superseded by this agreement. Specifically, calibration of fuel flow meters (primary, back-up, or emergency metering systems) shall follow a schedule set up according to good engineering practices, historical experience, or the requirements of section 2.1.6 of Appendix D to 40CFR75.

**B. Fugitive Dust Monitoring Recordkeeping**

The Company shall conduct daily operational inspections of the coal pile and other fugitive dust sources, ensuring that good operating practices and enhanced dust control techniques are practiced. This agreement shall serve as an alternative compliance option under any rules developed by the State of Wisconsin to regulate coal dust emissions from electric utilities.

**4. Mercury Rule Multi-Emission Compliance Alternative**

As a multi-emission reduction plan approved by the State of Wisconsin that addresses, at a minimum, NO<sub>x</sub>, SO<sub>2</sub>, and mercury, this agreement shall serve as an alternative compliance

option under any rules developed by the State of Wisconsin to regulate mercury emissions from electric utilities. This agreement shall constitute compliance with any rules developed by the State of Wisconsin to regulate mercury emissions from electric utilities.

### **XIII. REPORTING OF VIOLATIONS.**

Any violations discovered as part of the baseline performance evaluation or annual performance report required under Section XIV shall be disclosed to WDNR within 45 days of the completion of the evaluation or report and shall contain the information required under s. 299.80(12), Wis. Stats. WDNR may not take any civil enforcement action on any such reported violations if they are corrected within 90 days of notification, unless the violations present an imminent threat to public health or the environment or may cause serious harm to public health or the environment, or the department discovers the violations before the Company discloses them. This does not exempt the Company from the requirements for immediate notification contained in s. 292.11, Wis. Stats. Any criminal violations would always be subject to WDNR enforcement action.

If a longer period of time is needed to correct the violations, a compliance schedule can be negotiated and the agreement modified allowing a compliance schedule of up to 12 months.

### **XIV. BASELINE AND PERIODIC PERFORMANCE EVALUATIONS.**

Within 180 days of signing this agreement, the Company shall submit to WDNR and members of the interested persons group a baseline performance evaluation in accordance with Section XIII of this agreement.

The Company shall also submit an annual performance report to WDNR and members of the interested persons group within 90 days after the first full year of the agreement and each year of the agreement thereafter. Each annual performance report shall include:

- Actual annual emissions of SO<sub>2</sub>, NO<sub>x</sub>, mercury, and CO<sub>2</sub> for each plant covered under this agreement, and information concerning calculation of those emissions;
- Actual seasonal emissions for NO<sub>x</sub> for the period May – September for each plant covered under this agreement, and information concerning calculation of those emissions;
- Information concerning the status of any research projects underway to study mercury emission reductions and the status of Wisconsin Electric's efforts to achieve mercury reductions;
- Information concerning the status of any research projects underway to study greenhouse gas emission reductions and the status of Wisconsin Electric's efforts to reduce its system-wide emission rate;
- Any emission reductions during the previous year registered with the early credit registry; and,
- Information concerning any non-performance with this agreement for the previous year.

The annual performance report will identify any goals and objectives of the previous year. Wisconsin Electric's progress toward reaching those goals will be evaluated based on the metrics in this agreement. The annual performance report will include an evaluation of the EMS

implemented under this agreement. The annual performance report also will identify areas of success and areas for improvements.

Wisconsin Electric shall provide a draft of each annual performance report to WDNR and the Interested Persons group for review and comment prior to final publication. Wisconsin Electric shall also solicit suggestions from WDNR and the Interested Persons group on how to improve performance under the agreement. Wisconsin Electric will respond to any comments and suggestions in writing or through further discussions with groups or individuals.

In order to assist Wisconsin Electric with the annual performance report, WDNR shall maintain a record of its own administrative savings and other cost savings associated with this agreement and provide this information to the Company and the interested persons group on at least an annual basis.

#### **XV. APPLICABLE LAW.**

The laws of the State of Wisconsin shall govern this agreement. Except as provided herein, the Company shall at all times comply with all Federal, State, and Local laws, ordinances and regulations in effect during the period of this agreement.

#### **XVI. ADDRESSES.**

All correspondence and communication shall be directed to the appropriate contact person listed below. Changes in the information listed below shall be forwarded to the other party when effective and shall become part of this agreement without a formal amendment.

John Shenot  
Wisconsin Department of Natural Resources  
Bureau of Cooperative Environmental Assistance  
Post Office Box 7921  
Madison, WI 53707-7921

Kris McKinney  
Wisconsin Electric Power Company  
Post Office Box 2046  
Milwaukee, WI 53201

IN WITNESS WHEREOF, the parties by their signatures shall cause this agreement to be executed on the date aforementioned.

Signed for and on behalf of:

STATE OF WISCONSIN  
DEPARTMENT OF NATURAL RESOURCES

Date: \_\_\_\_\_ By: \_\_\_\_\_

Title: \_\_\_\_\_

Signed for and on behalf of:

WISCONSIN ELECTRIC POWER COMPANY

Date: \_\_\_\_\_ By: \_\_\_\_\_

Title: \_\_\_\_\_